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TITLE: ERROR INSPECTION SYSTEM

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ABSTRACT:

PURPOSE: To improve the reliability of a remote controller, etc., by storing a memory with information received by performing transmission several times via a transmission line, by detecting coincidence between stored pieces of information by a comparison, and by judging that when the coincidence is detected, the information has no error.

CONSTITUTION: Devices 1 and 2 having data functions respectively are connected mutually via transmission line 3, and the both are provided with processors 4 and transmitters 6 which detect signals received from transmission line 3 by an inversion two-series transmission collation system, etc., and detects errors of those signals. When information is to be transferred from device 1 to device 2, information is transmitted from device 6 by the inversion two-series transmission collation system and device 2 performs error detection by inversion two-series transmission collation and, when the information is correct, stores information A in memory 5. If an error is detected, the information is resent until correct information A is received and when the transmission of information A is completed, and next information A<SB>1</SB> is

similarly transmitted; and correct information A<SB>1</SB> is stored in memory A<SB>1</SB> and information A is compared with information A<SB>1</SB> to find their coincidence, if the coincidence is acquired, the reliability of transmitted information is improved.

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